



CELEBRATING CENTENARY



STUDENT ALUMNI INTERACTION CELL, IIT (BHU), VARANASI

# ALMA COMMUNIQUÉ

Alumni Newsletter (Oct '25)



## Institute Updates



1. The 40th edition of Spardha, the annual sports festival of IIT (BHU), Varanasi, was held from 10 to 12 October 2025 with exceptional energy and camaraderie. With 40,000+ attendees and over 2,000 athletes, participants showcased remarkable discipline, teamwork, and excellence across all the sports. The Opening Ceremony featured Ms. Naina Jaiswal, whose inspiring address set the tone for the competitions. The Closing Ceremony was graced by celebrated cricketer, Mr. Cheteshwar Pujara and noted volleyball player, Mr. Rajat Choudhary, whose presence added prestige to the occasion. Spardha 2025, marking its 40-year milestone, continued its legacy, not only as a platform for competition, but also as a celebration of resilience and community spirit.



2. Springer Nature India Research Tour 2025 was hosted on 15 October 2025 at IIT (BHU), Varanasi, in collaboration with the Ministry of Education and ICSSR, centred on the theme 'Empowering Research for All'. Hon'ble Director, Prof. Amit Patra, and Mr. Venkatesh Sarvasiddhi, Managing Director of Springer Nature India, emphasized on the importance of open science, ethical publishing, and inclusivity in research. Six women researchers were felicitated for contributions to SDG 5 and 10, alongside faculty awardees for research excellence. The event reaffirmed the Institute's commitment to Open Science, Research Integrity, and Innovation.



3. IIT (BHU), Varanasi, proudly hosted its 14th Convocation on 16 October 2025, celebrating the achievements and dedication of its graduating students. A total of 1,995 students were awarded degrees by the Hon'ble Director, Prof. Amit Patra, while 62 outstanding achievers received 123 medals and prizes for their exceptional accomplishments. The ceremony was graced by Dr. V. Narayanan, distinguished Scientist and Chairman at ISRO, as the Guest of Honour, and featured a virtual address by Hon'ble Dr. Sukanta Majumdar, Union Minister of State for Education, who congratulated the graduates and encouraged them to contribute to the nation's growth.



4. An MoU has been signed by IIT (BHU), Varanasi with the 39 Gorkha Training Centre, Varanasi, on 22 October 2025, in the gracious presence of Hon'ble Director, Prof. Amit Patra, to strengthen collaboration in academic and defence areas. The partnership aims to promote joint research projects, innovation and knowledge sharing between the two institutions. It also opens new opportunities for training, capacity building and developing solutions that support national development. This cooperation brings together the academic strengths of the Institute and the practical experience of the armed forces, making it a meaningful step.



5. National Unity Day was observed at IIT (BHU), Varanasi on 31 October 2025, marking the 150th birth anniversary of Sardar Vallabhbhai Patel, the Iron Man of India. His enduring legacy reminds us that India's strength lies in its unity and collective progress, inspiring us to uphold the spirit of 'Ek Bharat, Shreshtha Bharat'. On this day, the Institute reaffirmed its commitment to the ideals of unity, integrity, and nation-building through the *Rashtriya Ekta Diwas* Pledge and the Run for Unity, paying homage to the pivotal role of the great leader in fostering national cohesion and highlighting its ongoing significance. As we honor his legacy, we renew our pledge to uphold the unity and integrity that build a stronger India.

To know more about the 14th Convocation, please look out for the Creative Section in the next edition.



## Internship/Placement Updates

The Training and Placement Cell at IIT (BHU), Varanasi, continues to successfully facilitate the placement process for the academic year 2025-26. As of 4 November 2025, a total of 277 Pre-Placement Offers and 439 Internship Offers have been secured, reflecting strong industry engagement. The highest internship stipend reached Rs. 11,00,000 per month, with the average stipend standing at Rs. 1,18,783 per month. The highest offered PPO stood at Rs. 1,49,12,500 per annum with the average package attaining Rs. 34,74,865 per annum.

The top internship recruiters included Google, Microsoft, Uber, Goldman Sachs, JPMC, Texas Instruments, Cisco, Deutsche Bank, Wells Fargo, Samsung Delhi, Zscaler, Razorpay, Atria, ICICI, UBS, Adobe, Oracle, Ola, Tata Steel, GE Vernova, Sciforn, Clean Electric, Stealth EdTech, and more. PPOs were extended by leading firms such as Goldman Sachs, DE Shaw, Uber, Visa, Mastercard, Qualcomm, Salesforce, Oracle, American Express, Deutsche Bank, Walmart, Adobe, Atria, PhonePe, Nvidia, BNY Mellon, Tech Mahindra, HUL, Ola Electric, Standard Chartered, and others.

## Research and Development

Between 1 October 2025 and 31 October 2025, a total of 14 patents were filed, and 1 patent was successfully granted. Progress in research continues to drive new developments. Additionally, 9 projects were officially sanctioned, with a cumulative funding amounting to Rs. 1,67,87,750.

### Patents filed in October

Title	Faculty	Filing Date
A Noiseless Traffic Alert System and Method Thereof	Dr. Amar Deep Pandey, Prof. Brind Kumar, Prof. Manoranjan Parida, Dr. Abhishek Mudgal, Dr. Rahul Mishra	01/10/2025
A System and Method for Benign Brain Tumor Boundary Detection and Segmentation	Dr. Rajesh Kumar Pandey, Varun Makkar, Arya Tewary	07/10/2025
Aggregate Plate-Based Ball-on-Three-Plate Setup for Tribological Characterization of Warm Mix Asphalt Binders	Prof. Ankit Gupta, Vivek Pratap Wagh, Mansi Sharma	11/10/2025
An Artificial Intelligence-Based Smart System for Animal Health Management	Dr. Prasenjit Chankar, Mr. Priyanshu Chaurasiya, Dr. Om Jee Pandey, Prof. Sanjay Kumar Singh	11/10/2025
Next-Generation Cost-Optimized Content Delivery Framework for Integrated 5G Satellite-UAV Networks	Dr. Ajay Pratap, Saurabh Kumar Mishra	13/10/2025
Synthesis of Halide Double Perovskite CsAgBiBr <sub>3</sub> Using Novel Antisolvent	Prof. Prabhakar Singh, Dr. Raghendra Pandey, Dr. Ravi P. Jaiswal, Vishal Singh	15/10/2025
Federated Learning-Based System and Method for Hierarchical Data Aggregation and Real-Time Urban Governance	Prof. N. S. Rajput	21/10/2025
A Functionally Tunable Wideband Graphene-Patterned Metasurface Based Absorber	Dr. Somak Bhattacharya, Ajit Singh Verma	24/10/2025
Three-Dimensional Printing Ink, Method for Preparation and Its Application Thereof	Dr. Sanjeev Kumar Mahto, Pooja Kumari, Snehlata Yadav, Sushmitha P	24/10/2025
Method of Depositing Vertically-Oriented 2-Dimensional Rhenium Disulfide on a Substrate by Chemical Vapor Deposition	Dr. Santanu Das, Mr. Sumit Pratap Singh	25/10/2025
An Ion Conducting Membrane and a Method of Preparation Thereof	Prof. Pralay Maili, Alok Kumar	25/10/2025
A Method for Production of a Biopolymer from Agrowaste	Prof. Abha Mishra, Shruti Raut, Apri Sharma	28/10/2025
A 3D Hydrogel-Based Formulation and a Method of Synthesis Thereof	Dr. Sudip Mukherjee, Sumit Manna, Dr. Pragya Pallavi	29/10/2025
A Polymer-Based Drug Delivery Vehicle and a Method of Preparation Thereof	Prof. Pralay Maili, Subham Shekhar Mandal	30/10/2025

### Patents granted in October

Title	Faculty	Patent Number
A System and Method for Efficient Rounding Off Binary Floating Point Numbers to Nearest Integers	Dr. Mahendra Rathore, Vishesh Mishra, Dr. Urbi Chatterjee	571538

### Projects sanctioned in October

Title of Project	Name of Funding agency	Period of the Project Sanction	Total cost of Project in Rs.
Development of Novel Biomaterial Strategies to Repair Chronic Wounds via Regeneration of the Skin Microbiome	ICMR	03 years	NA
Numerical Simulation to Correlate Fire Tests	CARS-DRDO	01 year	5,15,000
High Performance Memristors by Ag Metallization of Oxide Thin Films for Memory and Neuromorphic Devices	DST	02 years	12,54,000
Advancing 6G: Development of Test-Beds for Joint Sensing and Communication Systems	CST-UP	03 years	13,08,000
Development of Artificial Intelligence and Internet of Medical Things-Based Wearable Cuffless Blood Pressure Monitoring Device for mHealth Applications	CST-UP	03 years	13,08,000
Design of a Low-Cost, Tiny, and Maintenance-Free Anti-Lost Safety Device for Care-Dependent Individuals in Crowded Areas	CST-UP	03 years	8,72,000
Sustainable Wire Arc Additive Manufacturing: Utilizing Recycled Waste Steel for Large-Scale Production	SERB	03 years	55,94,400
HARVEST: Holistic AI-Powered Agricultural Response Validation and Early Prediction System Across Territories	ICAR	03 years	39,85,800
CommuteQ – Behavioural Science-Driven Nudges and Gamification-Based Digital Interventions for Sustainable Urban Mobility	Toyota	01 year	19,50,550

In October, the Institute has signed two MoUs with university abroad, showing exceptional curiosity towards International Collaborations and opening horizons to research.

### MoUs signed in October

Orgnisation/Institution	Effective Period	Date of Signing
National Cheng Chung University, Taiwan	5 years	23/10/2025
Halmstad University, Sweden	5 years	27/10/2025

## Media Section



IIT (BHU) team revives century-old Peepal tree uprooted by storm



IIT (BHU) and 39 Gorkha Training Centre sign an MoU

## Student Updates



The Cultural Council organized *Aagman* welcoming the newest members of IIT (BHU), Varanasi with energetic performances in music, dance, drama and literature. The Electrical Engineering branch claimed the overall trophy as the campus celebrated enthusiasm and new beginnings. The Council also hosted the Theme Launch of Kashiyatra 2026 at the ADV Ground, unveiling the theme 'Nirvanam Echoes of Elysian' in the presence of Institute dignitaries. The event featured engaging performances and introduced the festival website and merchandise.

In the Students' Counselling Services, IIT (BHU), Varanasi, the Skill Development Council hosted the second session of the Exhort Series on 'Direct Taxation' by CA Ghanshyam Naik and a group discussion on 'Civic Sense: A Missing Element in Modern Society.' The Career Council presented the Acing Placements series, covering the domains of DA/DS, Product-Consulting, Core, and a CAT session on Future Career Opportunities in collaboration with the Academics Council.



Within the Student Counselling Services, the Academics Council featured an exclusive interview with President's Gold Medalist Ms. Ananya Singh, highlighting academic excellence and perseverance. The Wellness Council organized a Faculty Training Workshop on Psychological First Aid and set up Wellness Activity Stalls at LC Corner to mark World Mental Health Day. The International Exchange Council conducted sessions on Foreign Research Internship Guidance and Graduate Opportunities and launched a Research Internship Updates WhatsApp channel to keep students informed about global prospects and opportunities.

At the **Social Service Council**, the Social Projects Club marked a proud milestone as four of its teams represented the club at the Smart India Hackathon (SIH), showcasing innovation and social responsibility through creative problem-solving. Meanwhile, projects like Medequipnet and Suno Bharat made significant progress, from building prototypes to refining implementation plans. With five active and two completed projects, SPC continues to drive social impact through innovation and teamwork.



## Student Achievements



The Department of Ceramic Engineering, IIT (BHU), Varanasi, achieved distinction as a student team comprising Ansh Vardhan, Shweta Singh, Mahiman Bansal, and Ambar Jain, mentored by Dr. Pavan Pujar, secured a Top 10 position in the national-level Ideas to Impact Challenge (i2I 2.0) organized by

IIT Madras and the Wipro Foundation. Their project, 'Revolutionizing Solar Energy: All-Weather Power Generation via Hybrid Solar and Triboelectric Nanogenerator (TENG) Approach,' focuses on developing a sustainable, all-weather energy solution and earned a cash prize of Rs. 1,00,000, bringing pride to the Department and the Institute.

## Faculty Achievements

Dr. Sukhada, Assistant Professor, Department of Humanistic Studies at IIT (BHU), Varanasi was honoured with the Srimati Kamala Devi Navala Vidusi Sammana by Paropakarini Sabha on 12 October 2025, during the 142nd International Rishi Mela held at Rishi Udyan, Ajmer, Rajasthan, for her contributions towards bridging ancient and modern sciences. She was also conferred the Springer Women Scientist Award on 15 October 2025 at IIT (BHU), Varanasi, jointly organized by the S D Library, Ministry of Education, ICSSR, and Springer Nature, in recognition of her efforts in advancing open science, research integrity, and promoting diversity and inclusion in research.



## Institute Events



IIT (BHU) observed Gandhi Jayanti on 2nd October 2025 by celebrating Swachh Bharat Diwas with a renewed commitment to a clean and sustainable campus. Faculty, staff, and students participated in cleanliness drives, awareness campaigns, and plantation activities, reflecting Mahatma Gandhi's vision of hygiene and civic responsibility. The initiative reinforced the institute's ongoing dedication to the Swachh Bharat Abhiyan, reminding the community that every act of cleanliness contributes to nation-building.

IIT (BHU), Varanasi, organized an insightful lecture as part of the Preventive Vigilance Campaign initiated by the Central Vigilance Commission, on the theme 'Vigilance: Our Shared Responsibility.' Mr. Ankur Chandra, Chief Vigilance Officer, Banaras Locomotive Works (BLW), Varanasi, served as the Chief Guest and Speaker, delivering an engaging talk on 'The Role of Preventive Vigilance and Organizational Transparency.' The event began with a welcome address by Dr. Sarvesh Kumar Tiwari, Joint Registrar, and concluded with a presidential address by Mr. Sumit Kumar Biswas, Registrar.



The Department of Humanistic Studies, IIT (BHU), Varanasi organized a special lecture on 'Ancient Indian Theatre' under the inaugural session of the lecture series 'Indian History, Culture, and Heritage' by Padma Shri Prof. Bharat Gupt, Trustee of the Indira Gandhi National Centre for the Arts (IGNCA), New Delhi, Vice

Chairman of the National School of Drama, and a distinguished scholar, graced the event as the chief speaker. The event highlighted the shared foundations of Indian and Greek theatre and noting that in ancient India, art and science were viewed as complementary disciplines that shaped moral and intellectual life. Prof. Vinita Chandra announced that the series will include ongoing academic events. Dr. Abhijit Dixit, Director, IGNCA Varanasi, attended as a distinguished guest.

## Alumni Updates

### Student Alumni Interaction Cell

**Student Alumni Interaction Cell**, as part of its Beyond the Degree initiative, in collaboration with E-Cell IIT BHU, hosted an interactive session titled 'Entrepreneurship Unplugged: Real Talk for Startups' on 27th October. The session featured Mr. Venkatesan Murli, Founder, President & CTO of Merlin Solar Technologies and a distinguished Silicon Valley professional with over three decades of experience and 40+ international patents. Around 40-50 students attended the 1.5-hour session, where Mr. Murli shared practical insights on innovation, leadership, and the real-world challenges of building a startup, and his journey across leading global companies and successful ventures offered valuable takeaways for aspiring entrepreneurs.



### Alumni-Guided Mock Interviews

SAIC is back with the internship drive of the Alumni-Guided Mock Interviews initiative to aid students sail through this internship season.

#### Register as an Interviewer

Inviting alumni to register as an interviewer, share your invaluable expertise, and provide students with personalized feedback to help the Institute achieve new heights.



Click/Scan QR code to register



# IIT (BHU)'S VOYAGE TO USA

A high-level delegation from IIT (BHU), Varanasi, led by Hon'ble Director Prof. Amit Patra and comprising Dean (Resource & Alumni) Prof. Hiralal Pramanik, Prof. R.K. Singh, and Dr. Abir Ghosh—undertook a week-long visit to the United States from 22 to 29 September 2025. The visit focused on strengthening institute–alumni engagement, recognizing distinguished contributions of US-based alumni, and exploring collaborations in research, entrepreneurship, and institutional development. As a gesture of appreciation, the institute presented all alumni attending with specially designed custom IIT (BHU), Varanasi badges, which became a memorable symbol of identity and pride.



The trip commenced on 22 September 2025 in Chicago with an alumni meet held at India House, which drew attendance from 30 to 35 alumni across various branches. The opening evening was marked by enthusiastic reconnecting among alumni and institute leadership. Hon'ble Director, Prof. Amit Patra presented recent institutional developments in R&D, infrastructure, and academics, while Prof. Hiralal Pramanik, Dean (Resource & Alumni) highlighted impactful alumni driven initiatives and fundraising successes. The ceremonial dinner and badge distribution fostered a renewed sense of collective purpose among participants. The event also helped strengthen communication channels for sustained engagement with the Chicago alumni community.



From 24 to 25 September, the delegation visited the University of Michigan to explore academic exchange and EV focused collaboration. Following introductions, Prof. R S Singh presented the ANRF funded Te MobiX (Tropical EV Mobility Center of Excellence) project under the MAHA EV Mission, supported by 6.25 million dollars. Senior Michigan faculty including Prof. Alan Taub, Dr. Christophe Mangin, Prof. Eric Michielssen, Prof. Miki Banu, Prof. Heath Hofmann, Dr. Jason Siegel, Prof. Amit Misra, Dr. Anil Sachdev, and Prof. Neil Dasgupta shared their ongoing R and D and discussed collaboration in electric vehicles, battery management systems, and materials engineering. The day ended with a dinner interaction and facilitation of Sh. Sudeep John (CSE 96), Head of Americas Financial Services Technology at Amazon Web Services.

The delegation's Bay Area engagements began on 26 September with a lunch meeting with Sh. Amit Walia (CER 95, Chief Executive Officer, Informatica) at Fitoor Santana Row, where discussions focused on strengthening the alumni network, exploring funding opportunities, and securing pledges for institutional initiatives. This was followed by a dinner meeting with Sh. Sumeet Arora (ECE 95, Chief Product Officer, Teradata), which centered on potential technical support for agritech data systems, analytics projects, and entrepreneurship funding avenues. The interactions helped reinforce the role of Bay Area alumni as key contributors to the institute's innovation.



On 27 September, the team met Sh. Shub Bhowmick (CHE '96, CEO, Tredence) over breakfast, resulting in a significant commitment toward entrepreneurship activities at the institute. This was followed by a meeting with Sh. Shirish Sathaye (ECE '94, General Partner, Cervin) and Sh. Raj Yavatkar (ECE '80, CTO, Juniper Networks), during which Sh. Sathaye expressed his willingness to support entrepreneurship initiatives. Prof. Patra also presented the vision for establishing a Centre for AI on campus. A networking luncheon at Amber, Los Altos, organized jointly by the IIT (BHU) Foundation and IBGAA, featured institutional updates from Prof. Patra and activity briefings from IIT (BHU) Foundation CEO Sh. Sagar Bhimavarapu and IBGAA President Sh. Jagdish Bandhole (CSE '95). The day concluded with a visit to the residence of Sh. Bijoy Chatterjee and Smt. Joya Chatterjee in Los Gatos, where discussions focused on potential collaborations in agritech, fisheries, and electric-vehicle-efficiency initiatives for Uttar Pradesh.



The momentum continued on 28 September with a lunch meeting at Jaks, Santa Clara, involving Sh. Jay Choudhry (EEE '80, CEO, Zscaler), Sh. Kailash Kailash (ECE '80, Co-Founder, Zscaler), and Sh. Raj Yavatkar. Discussions centered on R&D possibilities across multiple domains. Sh. Sagar Bhimavarapu, (CEO, IIT (BHU) Foundation) also provided an update on startup projects supported by the Jay Chaudhry Software Innovation Centre at the institute. In the evening, a warm alumni get-together was hosted in Newport Beach by Sh. Subhas Khara (MEC '79) and Sh. Ujj Nath (MET '79), where alumni reaffirmed their commitment to contributing toward institute growth and collaborative initiatives.



The visit concluded on 29 September with a final interaction with Sh. Sunder Rajan (MET '67). Throughout the week, local alumni played a crucial role in facilitating logistics and transportation, ensuring smooth execution of the intensive schedule. The trip resulted in major pledges for entrepreneurship and research, strengthened ties with influential alumni clusters, and opened new pathways for collaborative projects and student support. The visit significantly deepened IIT (BHU)'s global engagement and reinforced a shared vision for long-term institutional advancement.

SAIC is grateful to the Director, Dean (Resource & Alumni), Alumni Associations, and the entire IIT (BHU) fraternity for their constant support and blessings. We look forward to your valuable feedback. To share information for future editions, reach us at [alumnice11@iitbhu.ac.in](mailto:alumnice11@iitbhu.ac.in).

## CONTACT

Prof. Hiralal Pramanik,  
Dean (Resource & Alumni)  
[dora@iitbhu.ac.in](mailto:dora@iitbhu.ac.in),  
[alumnice11@iitbhu.ac.in](mailto:alumnice11@iitbhu.ac.in)

## CONNECT WITH US



## NEWSLETTER TEAM, SAIC

Anjali Khare, Ashima Verma, Divya Kirti  
Mukund Rai, Niraj N. Hariyani,  
Vedika Agrawal, Anushka Kumari,  
Pentyala Abhishek Preetham